

S/N -/-,-

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor	Paul Chun-Hong Leung et al.
U.S. Patent No.	5,657,447
Issue date	August 12, 1997
Title	PLATFORM-TRANSPARENT REGISTRATION AND BUILD OF STORED PROCEDURES AND USER-DEFINED FUNCTIONS

ERRORS UPON WHICH REISSUE IS BASED

Box Patent Application
Assistant Commissioner for
Patents
Washington, D.C. 20231

Dear Sir:

Supplemental to the Reissue Application Declaration submitted herewith, Applicants note the following errors upon which reissue is based:

1. With regard to amended claims 1-32, Applicants claimed less than they were entitled to claim in the patent. Specifically, the errors concern the inclusion of various limitations that unduly narrow the scope of the claim. These limitations have been either amended to use broader language or have been deleted in their entirety.

2. With regard to new claims 40-69, Applicants claimed less than they were entitled to claim in the patent. Specifically, the new claims provide a broad recitation of the Applicants' invention.

3. As one of the below-signed, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the

application, any patent issued thereon, or any patent to which this declaration is directed.

Paul Chun-Hong Leung

3/5/99

Frederick T. Sharp
Frederick Thomas Sharp

5 March 1999
Date

David Y. Chen

Judlanto Sidik

Date

John Shek-Luen Ng

Date

Morgan Young

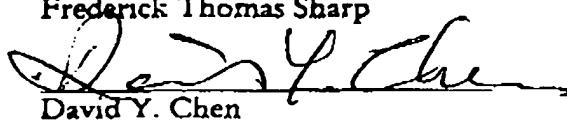
Date

application, any patent issued thereon, or any patent to which this declaration is directed.

Paul Chun-Hong Leung

Date

Frederick Thomas Sharp



David Y. Chen

Date

3/8/1999

Date

Judianto Sidik

Date

John Shek-Luen Ng

Date

Morgan Young

Date

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application, any patent issued thereon, or any patent to which this declaration is directed.

Paul Chun-Hong Leung

Date

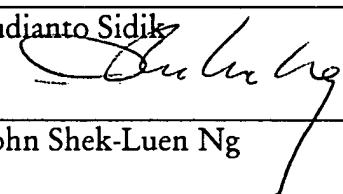
Frederick Thomas Sharp

Date

David Y. Chen

Date

Judianto Sidik



Date

John Shek-Luen Ng

Date

Morgan Young

Date

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application, any patent issued thereon, or any patent to which this declaration is directed.

Paul Chun-Hong Leung

Date

Frederick Thomas Sharp

Date

David Y. Chen

Date

Judianto Sidik

Date

John Shek-Luen, Ng

Date

John Shek-Luen Ng

Morgan Young

Date

5 March 1999

Date

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

REISSUE APPLICATION DECLARATION BY THE INVENTOR

Docket Number (Optional)
ST9-95-032R

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is described and claimed in patent number 5,657,447, granted August 12, 1997, and for which a reissue patent is sought on the invention entitled PLATFORM-TRANSPARENT REGISTRATION AND BUILD OF STORED PROCEDURES AND USER-DEFINED FUNCTIONS,

the specification of which

 is attached hereto. was filed on _____ as reissue application number _____ / _____
and was amended on _____
(If applicable)

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56.

I verily believe the original patent to be wholly or partly inoperative or invalid, for the reasons described below. (Check all boxes that apply.)

- by reason of a defective specification or drawing.
- by reason of the patentee claiming more or less than he had the right to claim in the patent.
- by reason of other errors.

At least one error upon which reissue is based is described as follows:

(See attached sheet entitled "Error Upon Which Reissue Is Based")

Approved for use through 9/30/00. OMB 0651-0033
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 Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)
 ST9-95-032R

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Name(s)	Registration Number	Name	Registration Number
George H. Gates	33,500	Anthony J. Orler	41,232
Victor G. Cooper	39,641	Karen S. Canady	39,927

Correspondence Address: Direct all communications about the application to:

Customer Number



Place Customer Number Bar
Code Label here

OR

Type Customer Number here

<input checked="" type="checkbox"/> Firm or Individual Name	George H. Gates				
Address	Gates & Cooper				
Address	6701 Center Drive West, Suite 1050				
City	Los Angeles	State	CA	ZIP	90045
Country	U.S.A.				
Telephone	(310) 642-4140	Fax	(310) 641-8798		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Paul Chun-Hong Leung

Inventor's signature

Date

3/5/99

Residence
San Jose, California

Post Office Address

7150 Calero Hills Court, San Jose, California 95139

Citizenship
U.S.A.

Full name of second joint inventor (given name, family name)

Frederick Thomas Sharp

Inventor's signature

Date

5 March 1999

Residence

Menlo Park, California

Post Office Address

440 Gilbert Avenue, Menlo Park, California 94025

Citizenship
U.S.A.

Full name of third joint inventor (given name, family name)

David Y. Chen

Inventor's signature

Date

Residence

San Jose, California

Post Office Address

7107 Sheehan Court, San Jose, California 95120

Citizenship
U.S.A.

Additional joint inventors are named on separately numbered sheets attached hereto.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

(REISSUE APPLICATION DECLARATION BY THE INVENTOR, page 2)

Docket Number (Optional)
ST9-95-032R

All errors corrected in this reissue application arose without any deceptive intention on the part of the applicant. As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Name(s)	Registration Number	Name	Registration Number
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Victor G. Cooper	39,641	Karen S. Canady	39,927

Correspondence Address: Direct all communications about the application to:

 Customer Number

Type Customer Number here

Place Customer Number Bar
Code Label here

OR

Firm or Individual Name	George H. Gates				
Address	Gates & Cooper				
Address	6701 Center Drive West, Suite 1050				
City	Los Angeles	State	CA	ZIP	90045
Country	U.S.A.				
Telephone	(310) 642-4140	Fax	(310) 641-8798		

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. 1001, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent to which this declaration is directed.

Full name of sole or first inventor (given name, family name)

Paul Chun-Hong Leung

Inventor's signature

Date

Residence
San Jose, California

Post Office Address

7150 Calero Hills Court, San Jose, California 95139

Citizenship
U.S.A.

Full name of second joint inventor (given name, family name)

Frederick Thomas Sharp

Inventor's signature

Date

Residence
Menlo Park, California

Post Office Address

440 Gilbert Avenue, Menlo Park, California 94025

Citizenship
U.S.A.

Full name of third joint inventor (given name, family name)

David V. Chen
Inventor's signatureDate
3/8/1999

Residence

San Jose, California

Post Office Address

7107 Sheehan Court, San Jose, California 95120

Citizenship
U.S.A. Additional joint inventors are named on separately numbered sheets attached hereto.

Full name of 4th joint inventor Judianto Sidik	
Inventor's signature	Date 3/5/90
Residence San Jose, California	
Post Office Address 1727 Samson Court, San Jose, California 95124	
Full name of 5th joint inventor (given name, family name) John Shek-Luen Ng	
Inventor's signature	Date
Residence San Jose, California	
Post Office Address 3973 Twilight Drive, San Jose, California 95124	
Full name of 6th joint inventor (given name, family name) Morgan Young	
Inventor's signature	Date
Residence San Jose, California	
Post Office Address 7112 Anjou Creek Circle, San Jose, California 95120	
Citizenship Indonesia	
Citizenship USA	
Citizenship USA	

Full name of 4th joint inventor Judianto Sidik	
Inventor's signature	Date
Residence San Jose, California	
Post Office Address 1727 Samson Court, San Jose, California 95124	Citizenship Indonesia
Full name of 5th joint inventor (given name, family name) John Shek-Luen Ng	
Inventor's signature <i>John Shek-Luen Ng</i>	Date 31/10/99
Residence San Jose, California	
Post Office Address 3973 Twilight Drive, San Jose, California 95124	Citizenship USA
Full name of 6th joint inventor (given name, family name) Morgan Young	
Inventor's signature	Date
Residence San Jose, California	
Post Office Address 7112 Anjou Creek Circle, San Jose, California 95120	Citizenship USA

Full name of 4th joint inventor Judianto Sidik	
Inventor's signature	Date
Residence <u>San Jose, California</u>	
Post Office Address <u>1727 Samson Court, San Jose, California 95124</u>	Citizenship <u>Indonesia</u>
Full name of 5th joint inventor (given name, family name) John Shek-Luen Ng	
Inventor's signature	Date
Residence <u>San Jose, California</u>	
Post Office Address <u>3973 Twilight Drive, San Jose, California 95124</u>	Citizenship <u>USA</u>
Full name of 6th joint inventor (given name, family name) Morgan Young	
Inventor's signature <u>Morgan H. Young</u>	Date <u>5 March 1999</u>
Residence <u>San Jose, California</u>	
Post Office Address <u>7112 Anjou Creek Circle, San Jose, California 95120</u>	Citizenship <u>USA</u>

Declaration and Power of Attorney
for Patent Application

Docket No. ST9-95-032

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Platform-Transparent Registration And Build Of Stored Procedures And User-Defined Functions

the specification of which

(check one)

is attached hereto.

was filed on August 31, 1995 as
Application Serial No. 08/521,804 and
was amended on _____

(if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

(Number)	(Country)	(Day Month Year Filed)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
_____	_____	_____
_____	_____	_____

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and conduct all business in the Patent and Trademark Office connected therewith. (list name and registration number)

David J. Kappos, Esq., Reg. No. 34,357; Marilyn Smith Dawkins, Esq., Reg. No. 31,140; Prentiss W. Johnson, Esq., Reg. No. 33,123; and William T. Ellis, Esq., Reg. No. 26,874.

Send Correspondence to:

STERNE, KESSLER, GOLDSTEIN & FOX
1100 New York Avenue, N.W.
Suite 600
Washington, D.C. 20005-3934

Direct Telephone Calls to:

STERNE, KESSLER, GOLDSTEIN & FOX, (202) 371-2600

Full name of sole or first inventor Paul Chun-Hong Leung	Inventor's signature <i>Paul Leung</i>	Date 10/23/95
Residence 7150 Calero Hills Court, San Jose, California 95139		
Citizenship U.S.A.		
Post Office Address same as residence		
Full name of second joint inventor, if any Frederick Thomas Sharp	Second Inventor's signature <i>Frederick Thomas Sharp</i>	Date 10/27/95
Residence 440 Gilbert Avenue, Menlo Park, California 94025-2926		
Citizenship U.S.A.		
Post Office Address same as residence		
Full name of third joint inventor, if any David Y. Chen	Third Inventor's signature	Date
Residence 7107 Sheehan Court, San Jose, California 95120		
Citizenship U.S.A.		
Post Office Address same as residence		

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. (list name and registration number)

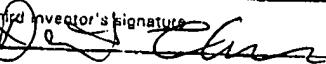
David J. Kappos, Esq., Reg. No. 34,357; Marilyn Smith Dawkins, Esq., Reg. No. 31,140; Prentiss W. Johnson, Esq., Reg. No. 33,123; and William T. Ellis, Esq., Reg. No. 26,874.

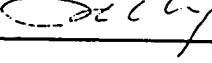
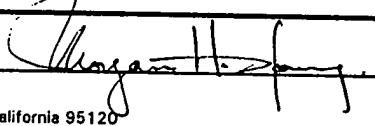
Send Correspondence to:

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Suite 600
Washington, D.C. 20005-3934

Direct Telephone Calls to:

STERNE, KESSLER, GOLDSTEIN & FOX, (202) 371-2600

Full name of sole or first inventor	Paul Chun-Hong Leung
Inventor's signature	
Residence	10/23/95 Date 7150 Calero Hills Court, San Jose, California 95139
Citizenship	U.S.A.
Post Office Address	same as residence
Full name of second joint inventor, if any	Frederick Thomas Sharp
Second Inventor's signature	
Residence	440 Gilbert Avenue, Menlo Park, California 94025-2926
Citizenship	U.S.A.
Post Office Address	same as residence
Full name of third joint inventor, if any	David Y. Chen
Third Inventor's signature	
Residence	10/24/95 Date 7107 Sheehan Court, San Jose, California 95120
Citizenship	U.S.A.
Post Office Address	same as residence

Full name of fourth inventor, if any Judianto Sidik	
Fourth Inventor's signature 	10/25/95 Date
Residence 1727 Samson Court, San Jose, California 95124	
Citizenship Indonesia	
Post Office Address same as residence	
Full name of fifth inventor, if any John Shek-Luen Ng	
Fifth Inventor's signature 	10/26/95 Date
Residence 3973 Twilight Drive, San Jose, California 95124	
Citizenship U.S.A.	
Post Office Address same as residence	
Full name of sixth inventor, if any Morgan Young	
Sixth Inventor's signature 	10/27/95 Date
Residence 7112 Anjou Creek Circle, San Jose, California 95120	
Citizenship U.S.A.	
Post Office Address same as residence	
Full name of seventh inventor, if any	
Seventh Inventor's signature	Date
Residence	
Citizenship	
Post Office Address same as residence	

(Supply similar information and signature for
subsequent joint inventors, if any)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors: Paul C. Leung, et al.. Assignee: I.B.M. Corporation
U.S. Patent No.: 5,657,447
Issued: August 12, 1997 Docket No.: ST9-95-032R
Title: PLATFORM-TRANSPARENT REGISTRATION AND BUILD OF
STORED PROCEDURES AND USER-DEFINED FUNCTIONS

ASSOCIATE POWER OF ATTORNEY

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

Please recognize George H. Gates, Registration No. 33,500; Victor G. Cooper, Registration No. 39,641; Anthony J. Orler, Registration No. 41,232, and Karen S. Canady, Registration No. 39,927, of GATES & COOPER, 6701 Center Drive West, Suite 1050, Los Angeles, California 90045, telephone (310) 642-4140, as associate attorneys in the above-identified reissue application, with full power to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Respectfully submitted,

INTERNATIONAL BUSINESS MACHINES
CORPORATION

Dated: 3/26/99

By: Prentiss W. Johnson
Prentiss W. Johnson
IP Law Attorney

Software Solutions Division
Santa Teresa Laboratory
International Business Machines
Corporation
555 Bailey Avenue
San Jose, California 95141

**REISSUE APPLICATION BY THE ASSIGNEE,
OFFER TO SURRENDER PATENT**Docket Number (Optional)
ST9-95-032R

This is part of the application for a reissue patent based on the original patent identified below.

Name of Patentee(s): Paul Chun-Hong Leung, Frederic Thomas Sharp, David Y. Chun, Judianto Sidik, John Shek-Leun Ng, Morgan Young

Patent Number	Date Patent Issued
5,657,447	August 12, 1997

Title of Invention	PLATFORM-TRANSPARENT REGISTRATION AND BUILD OF STORED PROCEDURES AND USER-DEFINED FUNCTIONS
--------------------	--

International Business Machines

Corporation is the assignee of the entire interest in the original patent.

I offer to surrender the original patent.

 A certificate under 37 CFR 3.73(b) is attached.

I am authorized to act on behalf of the assignee.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application, any patent issued thereon, or any patent to which this declaration is directed.

Name of assignee

INTERNATIONAL BUSINESS MACHINES CORPORATION

Signature of person signing for assignee

Prentiss W. Johnson

Date

3/26/99

Typed or printed name and title of person signing for assignee

Prentiss W. Johnson, *ATTORNEY FOR INTERNATIONAL BUSINESS
MACHINES CORPORATION*

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

CERTIFICATE UNDER 37 CFR 3.73(b)Applicant: Paul C. Leung, et al.Application No.: 08/521,804 Filed: August 31, 1995Entitled: "Platform-Transparent Registration And Build Of Stored Procedures
And User-Defined Functions"International Business
Machines Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

certifies that it is:

1. the assignee of the entire right, title, and interest; or
2. an assignee of an undivided part interest

in the patent application identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 7760, Frame 0194, or for which a copy thereof is attached.

OR

B. A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

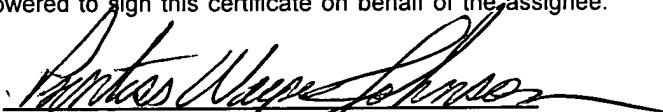
1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

 Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached.

The undersigned (whose title is supplied below) is empowered to sign this certificate on behalf of the assignee.

3/26/99

Date



Signature

Prentiss W. Johnson

Typed or printed name



Title



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APRIL 22, 1996

PTAS
STERNE, KESSLER, GOLDSTEIN & FOX PLLC
DANIEL N. YANNUZZI
1100 NEW YORK AVENUE, N. W.
SUITE 600
WASHINGTON, D.C. 20005-3934



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100119110A

PP MQL

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, NORTH TOWER BUILDING, SUITE 10C35, WASHINGTON, D.C. 20231.

RECORDATION DATE: 10/31/1995

REEL/FRAME: 7760/0194
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

LEUNG, PAUL CHUN-HONG

DOC DATE: 10/23/1995

ASSIGNOR:

SHARP, FREDERICK THOMAS

DOC DATE: 10/27/1995

ASSIGNOR:

CHEN, DAVID Y.

DOC DATE: 10/24/1995

ASSIGNOR:

SIDIK, JUDIANTO

DOC DATE: 10/25/1995

ASSIGNOR:

NG, JOHN SHEK-LUEN

DOC DATE: 10/26/1995

ASSIGNOR:

YOUNG, MORGAN

DOC DATE: 10/27/1995

ASSIGNEE:

INTERNATIONAL BUSINESS MACHINES CORPORATION
A CORP OF NY
ARMONK, NEW YORK 10504

7760/0194 PAGE 2

SERIAL NUMBER: 08521804
PATENT NUMBER:

FILING DATE: 08/31/1995
ISSUE DATE:

SEDLEY PYNE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS



186940 PTO
12/20/95

#43381 4/11

01-22-1996



Form PTO-803
10/20/95

RECORDATION FORM COVER SHEET
PATENTS ONLY

10-3/25
M20

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original 100119110

1. Name of conveying parties:
Paul Chun-Hong Leung
Frederick Thomas Sharp
David Y. Chen
Judianto Sidik
John Shek-Luen Ng
Morgan Young

Additional name(s) of conveying party(ies) attached? yes no

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Dates: October 23, 27, 24, 25, 26,
and 27, 1995

2. Name and address of receiving party(ies):

Name: International Business Machines Corporation, a
corporation of New York

Street Address:

City: Armonk State: NY Zip Code: 10504

Country: U.S.A.

Additional name(s) & address(es) attached? yes no

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is

A. Patent Application No(s)

08/521,804

B. Patent No(s)

Additional numbers attached? yes no

5. Name and address of party to whom correspondence
concerning document should be mailed:

Name: Sterne, Kessler, Goldstein & Fox P.L.L.C.

Internal Address: c/o Michael Q. Lee

Street Address: 1100 New York Ave., N.W.
Suite 600

City: Washington State: D.C. Zip Code: 20005-3934

6. Total number of applications and patents involved

1

7. Total fee (37 C.F.R. § 3.41).....\$ 40.00

Enclosed

Authorized to be charged to Deposit Account

8. Deposit Account Number: 19-0036

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Daniel N. Yannuzzi

Name of Person Signing
Registration No. 36,727

Signature

Date

10/31/95

Total number of pages including cover sheet, attachments and document 3

OMB NO. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

Whereas, we

(1) Paul Chun-Hong Leung
County of Santa Clara

(2) Frederick Thomas Sharp
County of Santa Clara

(3) David Y. Chen
County of Santa Clara

(4) Judianto Sidik
County of Santa Clara

(5) John Shek-Luen Ng
County of Santa Clara

and (6) Morgan Young
County of Santa Clara

of San Jose
and State of California

of Menlo Park
and State of California

of San Jose
and State of California

have invented certain improvements in

Platform-Transparent Registration And Build Of Stored Procedures And User-Defined Functions

and executed, respectively, a United States patent application therefor on

(1) 10/23/95 Date (2) 10/27/95 Date (3) _____ Date

(4) 10/25/95 Date (5) 10/26/95 Date (6) 10/27/95 Date

Whereas, INTERNATIONAL BUSINESS MACHINES CORPORATION, a corporation of New York, having a place of business at Armonk, New York 10504 (hereinafter called IBM), desires to acquire the entire right, title and interest in the said application and invention, and to any United States and foreign patents to be obtained therefor;

Now therefore, for a valuable consideration, receipt whereof is hereby acknowledged, we, the above named, hereby sell, assign, and transfer to IBM, its successors and assigns, the entire right, title and interest in the said application and invention therein disclosed for the United States and foreign countries, and all rights of priority resulting from the filing of said United States application, and we request the Commissioner of Patents to issue any Letters Patent granted upon the inventions set forth in said applications to IBM, its successors and assigns; and we hereby agree that IBM may apply for foreign Letters Patent on said invention and we will execute all papers necessary in connection with the United States and foreign applications when called upon to do so by IBM.

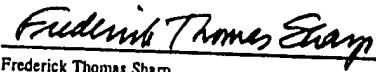
Signed

(1) at SAN JOSE, CA
on 10/23/95



Paul Chun-Hong Leung

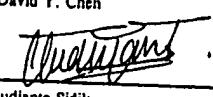
(2) at SAN JOSE, CA
on 10/27/95



Frederick Thomas Sharp

(3) at
on

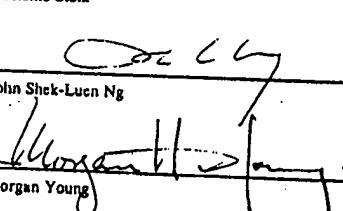
David Y. Chen



Judianto Sidik

(4) at SAN JOSE, CA
on 10/25/95

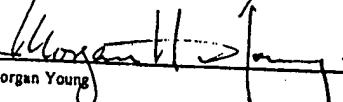
John Shek-Luen Ng



John Shek-Luen Ng

(5) at SAN JOSE, CA
on 10/26/95

and (6) at San Jose, CA
on 10/27/95



Morgan Young

ASSIGNMENT

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(1) 10/23/95 Date (2) _____ X (3) 10/24/95 Date
 (4) _____ Date (5) _____ Date (6) _____ Date

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Signed

(1) at San Jose, CA
 on 10/23/95


 Paul Chun-Hung Leung

(2) at
 on

Frederick Thomas Sharp

X (3) at Beijing, China
 on 10/24/95


 David Y. Chen

(4) at
 on

Judianto Sidik

(5) at
 on

John Shok-Luen Ng

and (6) at
 on

Morgan Young